

(Curriculum Vitae)



Reda Ibrahim ✎

Professor, Chair of Entomology Department, Kafrelsheikh Unive
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Biological control of insect ... Insect diversity

ARTICLES

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Name : Reda A. Ibrahim

Birth date : 07.12.1968

Birth place : Kafrelsheikh, Egypt

Nationality : Egypt

Current position :
- **Professor, Chair of Entomology Department, Kafrelsheikh University, Egypt.**
- **Coordinator of International Affairs** of Kafrelsheikh University, Egypt.



Residence : 6 Dist.1 East - Elshrouq city- Cairo, Egypt

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• Mobile phone: **00201287137806**

Study PhD : **2000 – 2004** Department of Phytopathology and Applied Zoology, **Justus-Liebig University Giessen; Germany.**

M.Sc. : **1991 –1995** Entomology, Tanta University, Egypt.

B.Sc. : **1987 – 1991** Entomology, Tanta University, Egypt.

Languages : **English, German (Arabic** is mother tongue)

- Positions**
- **August 1, 2020- present** **Coordinator of International Affairs** of Kafrelsheikh University.
 - **March 10, 2021 – present,** **Head of Entomology department,** Kafrelsheikh University, Egypt.
 - **July 2020 – February 2021, Professor** at Entomology department, Kafrelsheikh university, Egypt.

 - **October 2008 – June 2020, Professor** at Department of Biology (Teaching & Research), **Faculty of Science,** TAIBAH University, **Saudi Arabia.**

 - **June - August 2006** Visitor at the Department of Biological sciences in framework of ESA Meeting, **university of Memphis, , TN, USA.**

 - **September - October 2003** Visitor at the university of **Vienna, Austria.**

 - **April 2004- July 2007** Assistant Professor at Department of Economic Entomology, Kafrelsheikh University, Egypt.

 - **1996 – 2000** Assistant Lecturer at the same department.

 - **1991 – 1995** Demonstrator at the same department.

Teaching :

Graduate level: General Entomology, General Zoology, Invertebrates, Biosystematics, Insect Ecology, Chordates, Insect Morphology, Parasitology, Biological control, Marine biology, Cell biology, Introduction to Ecology, Research Methodology, Fundamentals of Applied Entomology, House insect pests, most of Economic Entomology courses.

Post graduate level: Economic Entomology, Medical Entomology, Marine Ecology & Biology, Parasitology, Insect Taxonomy, Insect Ecology-advanced, Biological control-advanced; Insect Physiology; Integrated **Pest Management,** Research Methodology-advanced;

- Membership** :
- The Entomological Society of Egypt
 - The Ecological Society of America
 - The Entomological Society of America
 - The Egyptian society for Biological Control of Pests
 - Deutsche Gesellschaft für Allgemeine und Angewandte Entomologie (DgaaE)

- The International Organization for Biological Control IOBC
- Saudi Society of Biotechnology

Personal :

- Very good communication and presentation skills in both **English** and **German**.
- Very good team worker.

Selected Publications

1. Samy Sayed, A.M. El-Shehawi, S.A. Elarnaouty, **R. Ibrahim**, S.A. Al-Otaibi (**2021**). Molecular characterization of endophytic fungal communities associated with *Vitis vinifera* L. at Taif region of Saudi Arabia. *Journal of Environmental Biology* 42 (1) 177-185. DOI : <http://doi.org/10.22438/jeb/42/2/MRN-1577>
2. Samy Sayed, Saad Al-Otaibi, Samir El-Shazly, Ahmed Gaber and **Reda Ibrahim** (**2021**) Field Evaluation of Native Fungus, *Beauveria bassiana* (Bals.) Vuillemin Against some Piercing-Sucking Insects on the Grapevine. *Pakistan Journal of Biological Sciences* 24 (1) 158-164 DOI: 10.3923/pjbs.2021.158.164
3. M Ali, **R. Ibrahim**, S Alahmadi, H Elshazly (**2020**) Ectoparasites and Intestinal Helminths of Pigeons in Medina, Saudi Arabia. *The Journal of Parasitology* 106 (6), 721-729 (<https://doi.org/10.1645/20-64>)
4. Medhat Ali, **Reda Ibrahim**, Saeed Alahmadi, Sultan M. Alsharif, Fatimah Mansour, Hayam Elshazly & Dalia Shower (**2020**) Ovicidal, pupicidal and bactericidal effects of aminopyridinium-based ionic liquids on *Culex pipiens* and certain human pathogenic bacteria. *Journal of Taibah University for Science*, 14 (1) 1503 – 1513 <https://doi.org/10.1080/16583655.2020.1836909>
5. R Ibrahim, S Alahmadi, A Almarwani, D Shower, M Ali (**2020**) Do aminopyridinium-based ionic liquids promising to control *Culex pipiens* mosquitoes in the future? *Journal of Asia-Pacific Entomology* 9 (1), 863-872 <https://doi.org/10.1016/j.aspen.2020.09.007>
6. S Samy, ES Ahmed, AO Saad, ES Samir, AO Saqer, I Reda (**2020**) Isolation and efficacy of the endophytic fungus, *Beauveria bassiana* (Bals.) Vuillemin on grapevine aphid, *Aphis illinoisensis* Shimer (Hemiptera: Aphididae) under laboratory condition. *Egyptian journal of biological pest control* 30 (38)
7. Saeed Al Ahmadi, Reda Ibrahim, Medhat Ali and Mouslim Messalli (**2020**) Effect of aminopyridinium-based ionic liquids against larvae of *Culex pipiens* (Diptera: Culicidae). *Journal of Taibah university for science*. 14 (1), 863-872 <https://doi.org/10.1080/16583655.2020.1782601>

8. Ibrahim, R., Alahmadi, S., Binnaser, Y and Shower, D. (2019). Seasonal prevalence and histopathology of *Beauveria bassiana* infecting larvae of the leopard moth, *Zeuzera pyrina* (Lepidoptera: Cossidae). *Egyptian journal of biological pest control*. Egypt J Biol Pest Control 29, 65 <https://doi.org/10.1186/s41938-019-0161-5>
9. Saleem, A. and Ibrahim, R. (2019). Assessment the virulence and proteolytic activity of three native entomopathogenic fungi against the third-instar larvae of the Rhinoceros Beetle, *Oryctes agamemnon*. *Egyptian journal of biological pest control*. Egyptian journal of biological pest control, 29 (21) <https://doi.org/10.1186/s41938-019-0120-1>
10. Ibrahim, R. (2017). Laboratory evaluation of commercial formulations of entomopathogenic fungi against the rhinoceros beetle, *Oryctes agamemnon* (Coleoptera: Scarabaeidae). *Egyptian journal of biological pest control*, 27 (1) pp.49-55
11. Elsayed, W. and Ibrahim, R. (2015). Diversity and Phylogenetic Analysis of Endosymbiotic Bacteria of the Date Palm Root Borer *Oryctes agamemnon* (Coleoptera: Scarabaeidae). *BMC Microbiology*, 15:88-[DOI: 10.1186/s12866-015-0422-8](https://doi.org/10.1186/s12866-015-0422-8)
12. Ibrahim, R. and Al-Ahmadi, S. (2015). Effect of *Syzygium aromaticum* cloves on larvae of the rhinoceros beetle, *Oryctes agamemnon* (Coleoptera: Scarabaeidae). *African Entomology*, 23 (2): 458 – 466
13. Ibrahim, R. (2015). Can entomopathogenic fungi clearly differentiate between harmful and beneficial insects in nature? *African Entomology* 23 (2): 486 – 493.
14. Ibrahim, R. and Al-Ahmadi, S. (2014). Utilization of ozone to control potato tuber moth, *Phthorimaea operculella* (Lepidoptera: Gelechiidae), in storage. *African Entomology*. 22(2): 330–336.
15. Ibrahim, R. and Shower, D. (2014). Transgenic Bt-Plants and the Future of Crop Protection (An overview). *International Journal of Agricultural and Food Research (IJAFR)*. 3 (1) 14-40
16. Al-Ahmadi S., Ouf, S.; Ibrahim, R. and K. El Shaikh (2012). Possible control of date palm stag beetle, *Lucanus cervus* using gut protease inhibitors of different biocontrol agents. *Egyptian Journal of Biological Pest Control*, 22(2) 93-101
17. Ibrahim, R. and Saleem, A. (2016). Virulence and chitinolytic activity of certain local isolates of entomopathogenic fungi against *Periplaneta americana* and *Blatta*

orientalis (Dictyoptera: Blattidae). Egyptian Journal of Plant protection Research, 4 (4): 44-61

18. Al-Ahmadi S., Ouf S.; Ibrahim, R. and K. El Shaikh (2012) Possible control of date palm stag beetle, *Lucanus cervus* using gut protease inhibitors of different biocontrol agents. Egypt. J. Biol. Pest. Control, 22 (2) 93 -101
19. IBRAHIM, R. A. and S. S. ALAHMADI (2010). Protection of certain agricultural commodities from insect infestation using ozone. J. Plant Protection and Pathology, Mansoura university, vol. 1(6): 435-448
20. IBRAHIM, R. A. and S. S. ALAHMADI (2010). Survey of Rhinoceros beetle, *Oryctes* spp. (Coleoptera: Scarabaeidae) and its microbial natural enemies in date palm orchards in Al-madinah Almunwarah region. J. Plant Protection and Pathology, Mansoura univ., vol. 1(6): 449-463
21. Al-Ahmadi S., Ibrahim, R. and S. Ouf (2009) Application of ozone to control insect pests and moulds of date fruits. J. Biosciences, Biotechnology Res. Asia, 6 (2).
22. Al-Ahmadi S., Ibrahim, R. and S. Ouf (2009) Possible control of fungal and insect infestation of date fruits using ozone. J. Biosciences, Biotechnology Res. Asia, 6 (1).
23. Desouky, A.; El-Abasy, M. and R. Ibrahim (2008) Ectoparasites of nesting cattle egret *Bubulcus ibis* L. (Ciconiiformes: Ardeidae) at Kafrelsheikh city, Egypt. Kafrelsheikh Journal of Vet. Research, October 2008.
24. Ibrahim, R. (2008) Biological effects of Neem oil on grape berry moths, *Lobesia botrana* and *Eupoecilia ambiguella* (Tortricidae: Lepidoptera). J. of Agric. Res. Kafrelsheikh university, September (2008)
25. Gomaa, A.; El-Nenaey, H.; Allam, S. and R. Ibrahim (2007) Innovations for the control of the potato tuber moth, *Phthorimae operculella* (Zeller) (Lepidoptera, Gelechiidae) in potato stores in Egypt. Egypt. J. Agric. Res. 85 (5):1719-1728
26. Sharshir, F; Ibrahim, R. and Sh. El-Gremi (2006) Infestation rates of date palm by the red palm weevil *Rhynchophorus ferrugineus* oliver and its associated natural enemies at Balteem, kafr El-sheikh, Egypt. Bull. Soc. Ent., Egypt, 83, 327-336.
27. Gomaa, A. and R. Ibrahim (2006) Laboratory evaluation of certain compounds on the cotton leaf worm *Spodoptera littoralis* (Boisd) (Lepidoptera, Noctuidae). Minufiya J. Agric. Res. Vol. 31 (5):1281-1293

28. Ibrahim, R. and H. Holst (2006) Survey of *Trichogramma* spp. in the vineyards of Rheingau Valley, Germany. In the 91st annual meeting of the Ecological Society of America, Memphis, Tennessee USA, August 6-11.2006, Scientific Program Pp.65.
29. Ibrahim, R. and A. Desouky (2005) Biological control of *Haematopinus tuberculatus* and *Boophilus annulatus* by using the entomopathogenic fungus *Beauveria bassiana* and Spynocin. Egypy. Vet. Med. Soc. Paras. J. Vol. II(3): 552-569.
30. Ibrahim, R. und H. Holst (2004) Vorkommen von *Trichogramma* in Rebanlage und Wirksamkeit verschiedenen *Trichogramma*-Arten auf Traubenwickler. In Viertes Fachgespräch zum biologischen Pflanzenschutz "Trichogramma – Wissenstand und Zukunftsperspektiven", Institut für biologischen Pflanzenschutz der BBA in Darmstadt, Germany 28 – 29. April 2004.
31. Ibrahim, R.; Holst, H. and T. Basedow (2003) Natural occurrence and distribution of *Trichogramma* spp. in vineyards of Rheingau (Hessia, Germany). In Entomologentagung der Deutschen Gesellschaft für allgemeine und angewandte Entomologie, Halle (Saale), Germany 24 – 28.03.2003.
32. Ibrahim, R. und H. Holst (2003) Eignung von Eiparasitoiden der Gattung *Trichogramma* zur Bekämpfung der Traubenwickler *Eupoecilia ambiguella* und *Lobesia botrana*. In 42. Arbeitstagung des Forschungsrings des Deutschen Weinbaus (FDW) bei des DLG; Staatliche Lehr- und Versuchsanstalt für wein- und Obstbau Weinsberg, Germany 07 – 08.05.2003.
33. Ibrahim, R.; Holst, H. and T. Basedow (2003) Control of grape berry moths, *Eupoecilia ambiguella* and *Lobesia botrana* with egg parasitoids of the genus *Trichogramma*. In 4. Symposium Phytomedizin und Pflanzenschutz im Gartenbau, Universität für Bodenkultur, Institut für Obst- und Gartenbau- Wien- Austria, 22 – 25. September 2003.
34. Ibrahim, R. und Holst, H. and T. Basedow (2003) Erfassung und Ausbreitung von *Trichogramma* spp. in Weinbergen. In 4. Symposium Phytomedizin und Pflanzenschutz im Gartenbau, Universität für Bodenkultur, Institut für Obst- und Gartenbau- Wien- Austria, 22 – 25. September 2003.
35. Ibrahim, R. und H. Holst (2001) Zeitliches Auftreten von *Trichogramma*-Arten im Weinbaugebiet im Rheingau. In DPG Deutsche Pflanzenschutz Tagung – Arbeitskreis Nutzarthropoden und Entomopathogene Nematoden, Kiel, Germany 14 -15.11.2001.

Activities :

- Coordinator for Post graduate affairs.
- Head for Zoology branch (faculty of science –Taibah University).

- **Research Projects:**

No.	Project title	Total fund	Remarks
1	Control of fungal and insect infestation of dates using ozone. Research project funded by Taibah university, Al-Madinah Almunawarah, Saudi Arabia, 2007.	167,000 Saudi Riyal	Co-investigator
2	Protection of stored grains, oilseeds and legumes from fungal and insect infestation using ozone treatment. Research project funded by Taibah university, Al-Madinah Almunawarah, Saudi Arabia, 2008, co-investigator.	150,000 Saudi Riyal	Co-investigator
3	Biocontrol of date palm stag beetle <i>Lucanus cervus</i> using gut protease inhibitors of certain Entomopathogenic fungi.	163,000 SR	Co-investigator
4	Utilization of carbon dioxide and ozone to control potato tuber moth, <i>Phthorimaea operculella</i> and inhabitant pathogens in storage.	168,250 SR	PI
5	Taxonomical studies by TEM on Red Palm Weevil <i>Rhynchophorus</i> spp. in Kingdom of Saudi Arabia.	3,873,500 SR	Strategic Research Project (Co)
6	Determination the infestation rate and integrated control of the date stone beetle, <i>Coccotrypes dactyliperda</i> in Al-Madinah Al-Munawarah Region.	99,000 SR	Co-investigator
Total Fund till now		4,690,500 SR	

PI = Principal Investigator

- **Ms Student's supervision**

No.	Ms Student's	MS Title	status
1	Nora Nasser Mohammed Alzahofi	Biological and Physiological Effects of Non Pathogenic and Pathogenic Bacteria on the Last Larval Instar of <i>Bombyx mori</i>	Completed
2	Najlaa Salem Abo Omair	Effect of some plant extracts and the entomopathogenic bacteria <i>Bacillus thuringiensis</i> on the developmental stages of <i>culex spp.</i>	Completed
3	Ziad Omar AlHaidary	Control of the potato tuber moth, <i>Phthorimaea operculella</i> (Zeller) (Lepidoptera, Gelechiidae) in storage by using ozone.	Completed

4	Abdulkareem Aljohani	Integrated control of the Rhinoceros beetle, <i>Oryctes</i> spp, (Coleoptera: Scarabaeidea) by using the entomopathogenic fungus <i>Metarhizium anisopliae</i> At Al-madinah Almunawarah region	Completed
5	Nawaeim Al Muttairi	New approaches in controlling flour beetles <i>Tribolium</i> spp	Completed
6	Fatimah Mansour	Ovicidal and larvicidal effects of some ionic liquid derivatives against <i>Culex pipiens</i> (Diptera: Culicidae)	Completed
7	Abeer Saud	Pupicidal and adulticidal activities of some ionic liquid derivatives against <i>Culex</i> spp. (Diptera: Culicidae)	Completed
8	Aml Attiah	Cytophysiological studies on hemocytes and endocrine glands of <i>Spodoptera littoralis</i> (Boisd)	Running
8	Rawan Salama	Using ultrasonic waves to control certain insect pests of stored products.	Running
9	Ahmed khattab	A manufactured device for detecting and controlling the red palm weevil <i>Rhynchophorus ferrugineus</i> .	Running

• PhD Student's supervision

No.	PhD Student's	Title	status
1	Nourhan Shoughy	Extrinsic and intrinsic factors affecting diversity and abundance of forensic insects in Kafrelsheikh governorate, Egypt.	Running

Currently running Research Projects:

- Control of certain public health insects using ecofriendly compounds.
- The Possible Relation between Ectoparasites of Feral Pigeons and Allergic Health Problems in Al-Madinah Almunawarah City.
- Using Triazole derivatives to control mosquitoes and its possible effects on other non-target inhabitants.
- Control of insect pests of Ajawat Al-madinah Al-munawarah.

Preparing for submission:

Effect of climate change on the biology, ecology and control of the spotted-wing drosophila - *Drosophila suzukii* (Matsumura) (Diptera: Drosophiliadae)